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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/550,294	09/21/2005	Pierre Benato	ASK-009	1923
32954	7590	03/22/2007	EXAMINER	
JAMES C. LYDON 100 DAINGERFIELD ROAD SUITE 100 ALEXANDRIA, VA 22314			LE, UYEN CHAU N	
			ART UNIT	PAPER NUMBER
			2876	
SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
3 MONTHS		03/22/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/550,294

Applicant(s)

BENATO, PIERRE

Examiner

Uyen-Chau N. Le

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 September 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>09/21/2005</u> . | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

Prelim. Amdt/Amendment

1. Receipt is acknowledged of the Preliminary Amendment filed 09/21/2005.

Specification

2. The abstract of the disclosure is objected to because the use of the legal phraseology, "said", line 7, is not permitted. Correction is required. See MPEP § 608.01(b).

Claim Objections

3. Claims 1, 2, 4, 7-8 and 10 are objected to because of the following informalities:

Re claim 1, line 6: Substitute "antenna." with -- antenna, --.

Re claim 1, line 10: Substitute "the imprint" with -- an imprint --.

Re claim 1, line 11: Substitute "it" with -- said antenna --.

Re claim 2, line 2: Delete "type" because the addition of the word "**type**" to an otherwise definite expression extends the scope of the expression so as to render it indefinite.

Re claim 4, line 3: Delete "type" because the addition of the word "**type**" to an otherwise definite expression extends the scope of the expression so as to render it indefinite.

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Re claim 7, line 11: Substitute "the imprint" with -- an imprint --.

Re claim 8, line 2: Delete "type" because the addition of the word "**type**" to an otherwise definite expression extends the scope of the expression so as to render it indefinite.

Re claim 10, line 3: Delete "type" because the addition of the word "**type**" to an otherwise definite expression extends the scope of the expression so as to render it indefinite.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Kayanakis (US 20010002035 A1).

Re claims 1-10: Kayanakis discloses a method for manufacturing an antenna of a hybrid contact-contactless or contactless smart card that includes a support on which the antenna is made, two card bodies on each side of the support, each of the card bodies consisting of at least one thermoplastic layer, and a chip or a

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module connected to the antenna, comprising the steps of depositing a layer of a material consisting essentially of resin on a predetermined zone on the antenna support, the zone corresponding to an imprint of the antenna or being slightly larger to the antenna, manufacturing the antenna including screen printing turns and two connection pads of electrically conductive ink on the zone prepared beforehand on the support and subjecting the support to a heat treatment in order to bake the ink; wherein the material layer is an offset ink; wherein the two card bodies are laminated on each side of the support in two steps, the first lamination step comprising welding on each side of the antenna support two homogenous thermoplastic sheets by hot press moulding at a temperature sufficient for the material that makes up the sheets to soften and to flow completely so as to eliminate all differences in thickness of the support, and a second lamination step performed after a duration corresponding to the time required for the thermoplastic sheets to solidify, the second step comprising welding on the antenna support of constant thickness obtained after first lamination step two layers of plastic material, consistuting the body of the card by hot press moulding; wherein the antenna comprising at least one turn of electrically conductive ink screen printed on the antenna support, two card bodies on each side of the support, each of the card bodies comprising at least one layer of

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plastic material, and a chip or module connected to the antenna; wherein the antenna comprising turns and two connection pads of conductive ink is screen printed on a zone of the antenna support, the zone corresponding to an imprint of the antenna or being slightly larger than the latter and on which a material consisting essentially of resin has been deposited (figs. 1-6; paragraphs [0026-0037]).

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The patents to Halope (US 20060176181 A1); Boyadjian et al (US 6575374 B1); Kudo et al (US 6848622 B2); Morizumi et al (US 6459588 B1); Kayanakis (US 6390375 B1); Mande (US 6173898 B1); Kayanakis (US 6786419 B2); Fidalgo (US 5598032 A) are cited as of interest and illustrate a similar structure to a METHOD FOR MAKING A SMART CARD ANTENNA ON A THERMOPLASTIC SUPPORT AND RESULTING SMARTCARD.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Uyen-Chau N. Le whose telephone number is 571-272-2397. The examiner can normally be reached on M-F 7:00AM-3:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be

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reached on 571-272-2398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Uyen-Chau N. Le
Primary Examiner
Art Unit 2876

March 19, 2007